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FILE 'WPIDS' ENTERED AT 14:48:24 ON 25 JUL 2003
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FILE 'WPINDEX' ACCESS NOT AUTHORIZED

=> S ABCG5 OR ABCG8
19 FILES SEARCHED...
51 FILES SEARCHED...
L1 612 ABCG5 OR ABCG8

=> DUP REM L1
DUPLICATE IS NOT AVAILABLE IN 'ADISINSIGHT, ADISNEWS, BIOCOMMERCE, DGENE,
DRUGLAUNCH, DRUGMONOG2, DRUGUPDATES, FEDRIP, FOREGE, GENBANK, KOSMET,
MEDICONF, NUTRACEUT, PCTGEN, PHAR, PHARMAML, RDISCLOSURE, SYNTHLINE'.
ANSWERS FROM THESE FILES WILL BE CONSIDERED UNIQUE
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L2 348 DUP REM L1 (264 DUPLICATES REMOVED)

=> S L2 AND human
13 FILES SEARCHED...
21 FILES SEARCHED...
39 FILES SEARCHED...
55 FILES SEARCHED...
L3 217 L2 AND HUMAN

L3 ANSWER 200 OF 217 GENBANK.RTM. COPYRIGHT 2003 on STN

LOCUS (LOC): AF320293 GenBank (R)
 GenBank ACC. NO. (GBN): AF320293
 GenBank VERSION (VER): AF320293.1 GI:11692799
 CAS REGISTRY NO. (RN): 386181-17-5
 SEQUENCE LENGTH (SQL): 2340
 MOLECULE TYPE (CI): mRNA; linear
 DIVISION CODE (CI): Primates
 DATE (DATE): 13 Dec 2000
 DEFINITION (DEF): Homo sapiens ***ABCG5*** (***ABCG5***) mRNA,
 complete cds.
 SOURCE: ***human***
 ORGANISM (ORGN): Homo sapiens
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata;
 Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini;
 Hominidae; Homo
 NUCLEIC ACID COUNT (NA): 541 a 601 c 598 g 600 t
 REFERENCE:
 AUTHOR (AU): Berge,K.E.; Tian,H.; Graf,G.A.; Yu,L.; Grishin,N.V.;
 Schultz,J.; Kwiterovich,P.; Shan,B.; Barnes,R.;
 Hobbs,H.H.
 TITLE (TI): Accumulation of Dietary Cholesterol in Sitosterolemia
 Caused by Mutations in Adjacent ABC Transporters
 JOURNAL (SO): Science (2001) In press
 REFERENCE:
 AUTHOR (AU): Berge,K.E.; Tian,H.; Graf,G.A.; Yu,L.; Grishin,N.V.;
 Schultz,J.; Kwiterovich,P.; Shan,B.; Barnes,R.;
 Hobbs,H.H.
 TITLE (TI): Direct Submission
 JOURNAL (SO): Submitted (09-NOV-2000) Molecular Genetics, University
 of Texas, Southwestern Medical Center at Dallas, 5323
 Harry Hines Blvd., Dallas, TX 75390-9046, USA

FEATURES (FEAT):

Feature Key	Location	Qualifier
source	1..2340	/organism="Homo sapiens" /db-xref="taxon:9606"
gene	1..2340	/gene="ABCG5"
CDS	107..2062	/gene="ABCG5" /note="ATP-binding cassette, subfamily G, member 5" /codon-start=1 /product="ABCG5" /protein-id="AAG40003.1" /db-xref="GI:11692800" /translation="MGDLSSLTPGGSMGLQVNRG SQSSLEGAPATAPEHSLGILHAS YSVSHRVRPWWDITSCRQQWTRQILKDVSLYVES GQIMCILGSSGSGKTTLLDAMSGR LGRAGTFLGEVYVNGRALRREQFQDCFSYVLQSD TLLSSLTVRETLHYTALLAIRRGN PGSFQKKVEAVMAELSLSHVADRLIGNYSLGGIS TGERRRSIAAQQLQDPKVMLFDE PTTGLDCMTANQIVVLLVELARRNRIVVLTIHQP RSELFQLFDKIAILSFGELIFCGT PAEMLDFFNDCGYPCEHSNPDFYMDLTSVDTQ SKEREIEETSKRVQMIESAYKSAI CHKTLKNIERMKHLKTPMVPFKTKDSPGVFSKL GVLLRRVTRNLVRNKLAVITRLLQ NLIMGLFLFFFVLRVRSNVLKGAIQDRVGLLYQF VGATPYTGMLNAVNLFPVLAVID QESQDGLYQKWQMMLAYALHVLPFSVVATMIFSS VCYWTGLHPEVARFGYFSALLA PHLIGEFLTLVLLGIVQNPNIINSVALLSIAGV LVGSGFLRNIQEMPIPDKIISYFT FQKYCSEILVVNEFYGLNFTCGSSNVSVTTNPMC AFTQGIQFIEKTCPGATSRTFMNF LILYSFIPALVILGIVVFKIRDHLISR"

SEQUENCE (SEQ):

1 gtcaggtgga gcaggcaggg cagtctgcc aggggctcccc aactgaagcc actctggggta

61 gggtccggcc accagaaaaat ttgcccagct ttgctgcctg ttggccatgg gtgaccctctc
 121 atctttgacc cccggagggt ccaatgtct ccaagtaaac agaggctccc agagccct
 181 ggagggggct cctgccaccg ccccgagcc tcacagcctg ggcattccctc atgcctccct
 241 cagcgtcagc caccgcgtga ggcctgggt ggacatcaca tcttgcggc agcagtggac
 301 caggcagatc ctcaaagatg tctccttgc cgtggagagc gggcagatca tgtgcattc
 361 aggaagctca ggctccggga aaaccacgt gctggacgcc atgtccggga ggctggggcg
 421 cgccccggacc ttccctgggg aggtgtatgt gaacggccgg gcgctgcgcc gggagcagtt
 481 ccagggactgc ttctcctacg tcctgcagag cgacaccctg ctgagcagcc tcaccgtgcg
 541 cgagacgctg cactacaccg cgctgctggc catccggcgc ggcaatcccg gctccttcca
 601 gaagaaggtg gaggccgtca tggcagagct gagtctgagc catgtggcag accgactgat
 661 tggcaactac agcttgggg gcatttccac gggtgagcgg cgccgggtct ccatcgac
 721 ccagctgctc caggatccta aggtcatgt gtttgatgag ccaaccacag gcctggactg
 781 catgactgtc aatcagattg tcgtccctc ggttgaactg gctcgagga accgaattgt
 841 ggttttcacc attcaccagg cccgttctga gcttttcag ctcttgcaca aattgcccatt
 901 cctgagctt ggagagctga ttttctgtgg cacgcacgc gaaatgtttt atttcttcaa
 961 tgactgcgtt tacccttgcg ctgaatttccaa aaccctttt gactttata tggacctgac
 1021 gtcagtggat acccaaagca aggaacggga aatagaaaacc tccaagagag tccagatgat
 1081 agaatctgcc tacaagaaaaat cagaatttgc tcataaaaact ttgaagaata ttgaaagaat
 1141 gaaacacctg aaaacgttac caatggttcc tttcaaaaacc aaagatttctc ctggagttt
 1201 ctctaaactg ggtgttctc tgaggagagt gacaagaaac ttggtgagaa ataagctggc
 1261 agtgattacg cgtctccctc agaatctgtat catgggtttg ttccctccctt tcttcgttct
 1321 gcgggtccga agcaatgtgc taaagggtgc tatccaggac cgcgttaggtc tcctttacca
 1381 gtttgtggc gccaccccg acacaggcat gctgaacgct gtgaatctgt ttccctgtgct
 1441 gcgagctgtc agcgaccagg agagtcatgg cggcctctac cagaagtggc agatgatgct
 1501 ggccttatgca ctgcacgtcc tccccttcag cggtgttgc accatgattt tcagcagtgt
 1561 gtgctactgg acgctggct tacatcttgc ggttgcggc tttggatatt tttctgtgctc
 1621 tctcttggcc ccccacttta ttgttgcatt tctaacttgc gtgctacttg gtatgttcca
 1681 aaatccaaat atagtcaaca gtgttagtggc tctgctgtcc attgcggggg tgcttgcgg
 1741 atctggattc ctcagaaaaca tacaagaaaaat gcccatttccct tttaaaatca tcagtttattt
 1801 tacattccaa aaatatttgc gtgagatttct tttttttttt tttttttttt tttttttttt
 1861 cacttgtggc agctcaatgtt tttctgtgac aactaatcca atgtgtgcct tcactcaagg
 1921 aattcaattt attgagaaaaa cctgcccagg tgcaacatct agattcacaa tgaactttct
 1981 gattttgtat tcatttattc cagcttgc tttttttttt tttttttttt tttttttttt
 2041 ggatcatctc attagcaggt agtggaaagcc atggctgggaa aatggaaagt gaagctgccc
 2101 actgtgcgtg actgctctga acgtctgaaa tgagagtgcc atgtatttct ttcttgacag
 2161 gacatctcaa gtcttttaac cattaagact ccatttgc ctcttgatc caagcaggcc
 2221 ttgaatgcaa tggaaagtgg ttatagttttt ttgtcttttac aacttgcagg gacatgtgg
 2281 tatttggaaa ttgtgactga gcggacccaa gaatgttaat aatattcata aacctatggg

L3 ANSWER 201 OF 217 IFIPAT COPYRIGHT 2003 IFI on STN

AN 10305319 IFIPAT;IFIUDB;IFICDB
 TI ***ABCG5*** AND ***ABCG8*** : COMPOSITIONS AND METHODS OF USE
 IN Barnes Robert; Hobbs Helen H; Shan Bei; Tian Hui
 PA Unassigned Or Assigned To Individual (68000)
 PI US 2003049730 A1 20030313
 AI US 2001-989981 20011120
 PRAI US 2000-252235P 20001120 (Provisional)
 US 2000-253645P 20001128 (Provisional)
 FI US 2003049730 20030313
 DT Utility; Patent Application - First Publication
 FS CHEMICAL
 APPLICATION

CLMN 70

GI 3 Figure(s).

FIG. 1. Genomic structure (A), putative topology (B), and predicted amino acid sequences of ***ABCG5*** and ***ABCG8*** (C). ***ABCG5*** and ***ABCG8*** are located on chromosome 2p21 between markers D2s177 and D2s 119. (A) ***ABCG5*** and ***ABCG8*** are tandemly arrayed in a head-to-head orientation separated by 374 basepairs. ***ABCG5*** and ***ABCG8*** are both encoded by 13 exons and each spans *28 kb. (B) The mutations detected in patients with sitosterolemia (Table 2) are indicated on a schematic model of ***ABCG5*** (left) and ***ABCG8*** (right) (C) Predicted amino acid sequence of ***ABCG5*** and ***ABCG8***, which are 651 and 673 residues in length, respectively. Alignment of the inferred amino acid sequences indicates 28% sequence identity and 61% sequence similarity between ***ABCG5*** and ***ABCG8***. Both proteins are predicted to contain six transmembrane segments using the program MEMSAT 2 (Jones, et al., Biochem. 33:3038 (1994)). The putative transmembrane segments of each protein are indicated by blue (***ABCG5***) or green (***ABCG8***) cylinders (B) and lines (C). The Walker A motif and Walker B motifs are highlighted in yellow and pink, respectively. The ABC signature sequence (C-motif) is indicated in purple.

FIG. 2. Expression of ***ABCG5*** and ***ABCG8*** in ***human*** tissues (A) and the effect of cholesterol feeding on levels of ***ABCG5*** and ***ABCG8*** mRNAs in mouse liver and intestines

(B). (A) Northern blot analysis of ***human*** tissues. The coding sequence of ***ABCG5*** and ***ABCG8*** were amplified from liver polyA+RNA (Clontech) and the fragments were cloned into the plasmid vector pGEM-T (Promega). The coding region of the cDNA was amplified and the fragment radiolabeled (Megaprime DNA Labeling System, Amersham) prior to incubation with the blot in Rapid-hyb buffer (1 x 10⁶ cpm/ml) (Amersham). The blot was washed and subjected to autoradiography for 18 h using Kodak X-OMAT-blue film (Jokinen, et al., J. Biol. Chem. 269:26411 (1994)). The results were identical when probes generated from the 3' untranslated regions of both cDNAs were used. (B) Cholesterol feeding induces coordinate increases in levels of ***ABCG5*** and ***ABCG8*** mRNA. Seven-week-old male mice (129S3/SvImj) were fed powdered chow (Harlan Teklad Rodent Diet) in the absence or presence of cholesterol (2%, w/v). Mice were killed after one or seven days in the light phase of the cycle. Total RNA was isolated using RNA-STAT (TelTest) from the liver and three equal segments of the small intestine (duodenum, jejunum and ileum). The tissue RNAs were pooled from three animals and aliquots (15 μg) used to make duplicate northern blots (Hobbs, et al, Hum. Mutat. 1:445 (1992)). The mouse cDNAs for ***ABCG5*** and ***ABCG8*** were used as probes. Cyclophilin was used as an internal standard. The results were identical when probes generated from the 3' untranslated regions of both cDNAs were used.

FIG. 3. (A) ***ABCG8*** exon 2 (reverse strand) through ***ABCG5*** exon 2 (forward strand). The four exons are underlined and the conserved regions are in uppercase. The sequence ends in intron 2 of ***ABCG5*** and is in the following order: ***ABCG8*** -exon 2 (reverse strand); ***ABCG8*** -intron 1 (reverse strand); ***ABCG8*** -exon 1 (reverse strand); gap between genes; ***ABCG5*** -exon 1 (forward strand); ***ABCG5*** -intron 1 (forward strand); ***ABCG5*** -exon 2 (forward strand); and ***ABCG5*** -intron 2 (forward strand, partial). (B) The sequence between ***ABCG5*** and ***ABCG8*** in which the control sequences (e.g., bidirectional promoter, etc.) reside.

L3 ANSWER 202 OF 217 IFIPAT COPYRIGHT 2003 IFI on STN
 AN 10138062 IFIPAT;IFIUDB;IFICDB
 TI SITOSTEROLEMIA SUSCEPTIBILITY GENE (SSG): COMPOSITIONS AND METHODS OF USE; NUCLEOTIDE SEQUENCES CODING POLYPEPTIDE FOR USE IN THE TREATMENT OF HYPERCHOLESTEROLEMIA, HYPERLIPIDEMIA, GALL STONES, AND ATHEROSCLEROSIS
 IN Schultz Joshua; Shan Bei; Tian Hui
 PA Unassigned Or Assigned To Individual (68000)
 PI US 2002081687 A1 20020627
 AI US 2001-837992 20010418
 PRAI US 2000-198465P 20000418 (Provisional)
 US 2000-204234P 20000515 (Provisional)
 FI US 2002081687 20020627
 DT Utility; Patent Application - First Publication
 FS CHEMICAL
 APPLICATION
 CLMN 74
 GI 14 Figure(s).

FIG. 1 shows a Northern blot that demonstrates that the LXR agonist Compound (Cpd.) A causes an increase in the level of SSG mRNA in the liver and the intestine.

FIG. 2 shows a Northern blot demonstrating that the LXR agonists Compounds B and C produce an increase in the level of ABC1 and ABC8 mRNA.

FIG. 3 shows a Northern blot demonstrating that the LXR agonist Compound A causes an increase in the level of expression of ABC1 in the liver, intestine, and kidney.

FIG. 4 demonstrates that the LXR agonist Compound A stimulates efflux of cholesterol from Caco-2 cells.

FIG. 5 provides a model for the role of SSG, and the regulation of SSG by LXR-RXR, in cells lining the intestinal lumen. According to this model, SSG plays a role in sterol efflux from the cells lining the intestinal lumen, i.e. SSG plays a role in counteracting the absorption of sterol from the intestine, thus explaining the elevated sterol levels in sitosterolemia patients who lack SSG function.

FIG. 6 provides the structures of the LXR agonists Compounds A, B, and C.

FIG. 7 shows the amino acid and nucleotide sequence for mouse SSG.

FIG. 8 shows the amino acid and nucleotide sequence for ***human*** SSG.

FIG. 9 shows a comparison between the mouse and ***human*** SSG amino acid sequences.

FIG. 10 shows the results of a mapping experiment for SSG using the Stanford ***human*** TNG Radiation Hybrid Panel (Research Genetics), confirming the map position of ***human*** SSG of between markers D2S177 and D2S119.

FIG. 11 shows the results of PCR using SSG specific primers and cDNA panels from various tissues.
FIG. 12 shows that ***human*** SSG (or ***human*** *ABCG5***) is predominantly expressed in the liver and small intestine.
FIG. 13 shows that mouse SSG (or mouse ***ABCG5***) is predominantly expressed in the liver and small intestine.
FIG. 14 illustrates the cDNA cloning and genomic organization of SSG (or ***ABCG5***) (A). The predicted ***human*** and mouse proteins share 80% identity and are 28% identical to Drosophila Brown.
Human SSG contains 13 exons and spans at least 25 kb of genomic DNA (B).

L3 ANSWER 203 OF 217 MEDLINE on STN
AN 2003068590 MEDLINE
DN 22466656 PubMed ID: 12578886
TI Image in cardiovascular medicine. Aortic xanthomatosis with coronary ostial occlusion in a child homozygous for a nonsense mutation in ***ABCG8*** .
AU Mymin David; Wang Jian; Frohlich Jiri; Hegele Robert A
CS Robarts Research Institute, London, Ontario, Canada.
SO CIRCULATION, (2003 Feb 11) 107 (5) 791.
Journal code: 0147763. ISSN: 1524-4539.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Abridged Index Medicus Journals; Priority Journals
EM 200302
ED Entered STN: 20030212
Last Updated on STN: 20030227
Entered Medline: 20030226

L3 ANSWER 204 OF 217 MEDLINE on STN
AN 2002498308 MEDLINE
DN 22247149 PubMed ID: 12359125
TI Genetic disorders associated with ATP binding cassette cholesterol transporters.
AU Burris Thomas P; Eacho Patrick I; Cao Guoqing
CS Lilly Research Laboratories, Eli Lilly & Company, Lilly Corporate Center, Indianapolis, IN 46285, USA.
SO MOLECULAR GENETICS AND METABOLISM, (2002 Sep-Oct) 77 (1-2) 13-20. Ref: 54
Journal code: 9805456. ISSN: 1096-7192.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
General Review; (REVIEW)
(REVIEW, TUTORIAL)
LA English
FS Priority Journals
EM 200305
ED Entered STN: 20021003
Last Updated on STN: 20030528
Entered Medline: 20030527

L3 ANSWER 205 OF 217 MEDLINE on STN
AN 2002453875 MEDLINE
DN 22198748 PubMed ID: 12208859
TI Biliary cholesterol secretion by the twinned sterol half-transporters ***ABCG5*** and ***ABCG8*** .
CM Comment on: J Clin Invest. 2002 Sep;110(5):659-69
Comment on: J Clin Invest. 2002 Sep;110(5):671-80
AU Wittenburg Henning; Carey Martin C
CS Department of Medicine, Harvard Medical School, Gastroenterology Division, Brigham and Women's Hospital, and Harvard Digestive Diseases Center, Boston, Massachusetts 02115, USA.
SO JOURNAL OF CLINICAL INVESTIGATION, (2002 Sep) 110 (5) 605-9. Ref: 25
Journal code: 7802877. ISSN: 0021-9738.
CY United States
DT Commentary
Journal; Article; (JOURNAL ARTICLE)
General Review; (REVIEW)
(REVIEW, TUTORIAL)
LA English
FS Abridged Index Medicus Journals; Priority Journals
EM 200210
ED Entered STN: 20020906
Last Updated on STN: 20021012
Entered Medline: 20021011

L3 ANSWER 206 OF 217 MEDLINE on STN
AN 2002378403 MEDLINE
DN 22119727 PubMed ID: 12124998
TI Mutations in the ***human*** ATP-binding cassette transporters ***ABCG5*** and ***ABCG8*** in sitosterolemia.
AU Heimer Susanne; Langmann Thomas; Moehle Christoph; Mauerer Richard; Dean Michael; Beil Frank-Ulrich; von Bergmann Klaus; Schmitz Gerd
CS Institute for Clinical Chemistry and Laboratory Medicine, University of Regensburg, Germany.
SO HUMAN MUTATION, (2002 Aug) 20 (2) 151.
Journal code: 9215429. ISSN: 1098-1004.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 200208
ED Entered STN: 20020719
Last Updated on STN: 20020817
Entered Medline: 20020816

L3 ANSWER 207 OF 217 MEDLINE on STN
AN 2001686572 MEDLINE
DN 21589911 PubMed ID: 11732455
TI Plant sterol/sterolin supplement use in a cohort of South African HIV-infected patients--effects on immunological and virological surrogate markers.
AU Bouic P J; Clark A; Brittle W; Lamprecht J H; Freestone M; Liebenberg R W
SO SOUTH AFRICAN MEDICAL JOURNAL, (2001 Oct) 91 (10) 848-50.
Journal code: 0404520. ISSN: 0038-2469.
CY South Africa
DT Letter
LA English
FS Priority Journals
EM 200201
ED Entered STN: 20011205
Last Updated on STN: 20020823
Entered Medline: 20020102

L3 ANSWER 208 OF 217 MEDLINE on STN
AN 2001642506 MEDLINE
DN 21534515 PubMed ID: 11677224
TI Diet and disease: the "phyte" over intestinal cholesterol.
AU Carter B A; Karpen S J
SO GASTROENTEROLOGY, (2001 Nov) 121 (5) 1255-6.
Journal code: 0374630. ISSN: 0016-5085.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Abridged Index Medicus Journals; Priority Journals
EM 200112
ED Entered STN: 20011107
Last Updated on STN: 20020823
Entered Medline: 20011205

L3 ANSWER 209 OF 217 MEDLINE on STN
AN 2001459289 MEDLINE
DN 21396679 PubMed ID: 11504671
TI Dietary cholesterol absorption; more than just bile.
AU Lu K; Lee M H; Patel S B
CS Division of Endocrinology, Diabetes and Medical Genetics, Medical University of South Carolina, STR 541, 114 Doughty Street, Charleston, SC 29403, USA.
NC HL60613 (NHLBI)
SO TRENDS IN ENDOCRINOLOGY AND METABOLISM, (2001 Sep) 12 (7) 314-20. Ref: 64
Journal code: 9001516. ISSN: 1043-2760.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
General Review; (REVIEW)
(REVIEW, TUTORIAL)
LA English
FS Priority Journals
EM 200110
ED Entered STN: 20010816
Last Updated on STN: 20020823
Entered Medline: 20011004

L3 ANSWER 210 OF 217 MEDLINE on STN
AN 2001064454 MEDLINE
DN 20559920 PubMed ID: 11186392
TI Biochemistry. An absorbing study of cholesterol.
CM Comment on: Science. 2000 Dec 1;290(5497):1771-5
AU Allayee H; Laffitte B A; Lusis A J
CS Department of Medicine, University of California, Los Angeles (UCLA)
School of Medicine, Los Angeles, CA 90095, USA.. hallayee@ucla.edu
SO SCIENCE, (2000 Dec 1) 290 (5497) 1709-11.
Journal code: 0404511. ISSN: 0036-8075.
CY United States
DT Commentary
LA English
FS Priority Journals
EM 200012
ED Entered STN: 20010322
Last Updated on STN: 20021227
Entered Medline: 20001222

L3 ANSWER 211 OF 217 PASCAL COPYRIGHT 2003 INIST-CNRS. ALL RIGHTS RESERVED. on STN
AN 2003-0179950 PASCAL
CP Copyright .COPYRGT. 2003 INIST-CNRS. All rights reserved.
TIEN Aortic xanthomatosis with coronary ostial occlusion in a child homozygous for a nonsense mutation in ***ABCG8***
AU MYMIN David; JIAN WANG; FROHLICH Jiri; HEGELE Robert A.
CS Robarts Research Institute, London, Ontario, Canada; Healthy Heart Program, St Paul's Hospital, University of British Columbia, Vancouver, British Columbia, Canada
SO Circulation : (New York, N.Y.), (2003), 107(5), p. 791
ISSN: 0009-7322 CODEN: CIRCAZ
DT Journal
BL Analytic
CY United States
LA English
AV INIST-5907, 354000104154880270

L3 ANSWER 212 OF 217 PROMT COPYRIGHT 2003 Gale Group on STN

ACCESSION NUMBER: 2001:4829 PROMT
TITLE: Sitosterolemia Genes Discovered.
SOURCE: Applied Genetics News, (Dec 2000) vol. 21, No. 5.
ISSN: 0271-7107.
PUBLISHER: Business Communications Company, Inc.
DOCUMENT TYPE: Newsletter
LANGUAGE: English
WORD COUNT: 231
FULL TEXT IS AVAILABLE IN THE ALL FORMAT

L3 ANSWER 213 OF 217 PROMT COPYRIGHT 2003 Gale Group on STN

ACCESSION NUMBER: 2000:1046858 PROMT
TITLE: Tularik Discovers Genes Involved in Cholesterol Regulation.
SOURCE: PR Newswire, (1 Dec 2000) pp. 8802.
PUBLISHER: PR Newswire Association, Inc.
DOCUMENT TYPE: Newsletter
LANGUAGE: English
WORD COUNT: 526
FULL TEXT IS AVAILABLE IN THE ALL FORMAT

L3 ANSWER 214 OF 217 PROMT COPYRIGHT 2003 Gale Group on STN

ACCESSION NUMBER: 2000:1044594 PROMT
TITLE: RARE LIPID DISORDER HINTS AT CHOLESTEROL-CUTTING AGENTS
TULARIK, TEXAS U. TEAM UP TO FERRET OUT GENES THAT HUSTLE
TOXIC PLANT STEROLS OUT OF BODY.
AUTHOR(S): Leff, David N.
SOURCE: BIOWORLD Today, (1 Dec 2000) No. 231.
PUBLISHER: American Health Consultants, Inc.
DOCUMENT TYPE: Newsletter
LANGUAGE: English
WORD COUNT: 1039
FULL TEXT IS AVAILABLE IN THE ALL FORMAT

L3 ANSWER 215 OF 217 SCISEARCH COPYRIGHT 2003 THOMSON ISI on STN
AN 2003:424112 SCISEARCH
GA The Genuine Article (R) Number: 676GG
TI Overexpression of ***human*** ***ABCG5*** and ***ABCG8*** in transgenic mice: Effects on intestinal cholesterol absorption, biliary sterol excretion and atherosclerosis
AU Wu J E (Reprint); Basso F; Shamburek R D; Amar M J; Vaisman B; Tansey T; Lita F; Paigen B; Fruchart-Najib J; Brewer H B; Santamarina-Fojo S
CS NHLBI, Bethesda, MD 20892 USA; Jackson Labs, Bar Harbor, ME USA; Inst Pasteur, F-59019 Lille, France
CYA USA; France
SO ARTERIOSCLEROSIS THROMBOSIS AND VASCULAR BIOLOGY, (MAY 2003) Vol. 23, No. 5, pp. A42-A43. MA P241.
Publisher: LIPPINCOTT WILLIAMS & WILKINS, 530 WALNUT ST, PHILADELPHIA, PA 19106-3621 USA.
ISSN: 1079-5642.
DT Conference; Journal
LA English
REC Reference Count: 0

L3 ANSWER 216 OF 217 USPATFULL on STN
AN 2003:37614 USPATFULL
TI Novel ABCG4 transporter and uses thereof
IN Chen, Hongyun, Vancouver, CANADA
Le Bihan, Stephane, Vancouver, CANADA
PA Active Pass Pharmaceuticals, Inc., Vancouver, CANADA (non-U.S. corporation)
PI US 2003027259 A1 20030206
AI US 2002-90455 A1 20020301 (10)
PRAI US 2001-272886P 20010302 (60)
US 2001-309262P 20010731 (60)
US 2001-316339P 20010829 (60)
DT Utility
FS APPLICATION
LN.CNT 4484
INCL INCLM: 435/069.100
INCLS: 435/320.100; 435/325.000; 435/006.000; 530/350.000; 536/023.500
NCL NCLM: 435/069.100
NCLS: 435/320.100; 435/325.000; 435/006.000; 530/350.000; 536/023.500
IC [7]
ICM: C12Q001-68
ICS: C07H021-04; C12P021-02; C12N005-06
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 217 OF 217 USPATFULL on STN
AN 2002:337461 USPATFULL
TI Increased functional activity and/or expression of ABC transporters protects against the loss of dopamine neurons associated with Parkinson's disease
IN Reiner, Peter B., Vancouver, CANADA
Roy, Josee, Vancouver, CANADA
Connop, Bruce P., Vancouver, CANADA
PA Active Pass Pharmaceuticals, Inc., Vancouver, CANADA (non-U.S. corporation)
PI US 2002192821 A1 20021219
AI US 2002-154452 A1 20020522 (10)
PRAI US 2001-327396P 20011004 (60)
US 2001-292844P 20010522 (60)
DT Utility
FS APPLICATION
LN.CNT 3355
INCL INCLM: 435/455.000
INCLS: 514/044.000
NCL NCLM: 435/455.000
NCLS: 514/044.000
IC [7]
ICM: A61K048-00
ICS: C12N015-85
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

STN INTERNATIONAL LOGOFF AT 15:01:35 ON 25 JUL 2003